M. A. R. 57 (Rule 116)
Measurement Book

No. B

498925

Serial No. 1st and final Bill

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ...M/S. K.R. construction ...Sri. Mahesh.C. B'lore-64

Date of commencement of work ...D.O.R:.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to Drains and Asphating to Roads at canara bank layout near Govt. hospital and surrounding areas in ward no-09 (Vidyaranyapura)						
	Est cost Rs: 35.00 lakhs.						
	Job code No: 009-00-000087,						
	Head of A/c: P 3781						
	Work order No: BBMP/CE(BTP)/HO/102/2020-21					Dt: 07/09/2020	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	item NO:1) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw up to 2mtr and an average lift up to 1.5mtr, excavated surface leveled and slopes neatly trimmed, the disposal earth to be leveled neatly after breaking of clods etc..						
	Quantity vide EMB P.NO :		455.40 cum				
	@ Rs: 226.50/cum					=	103175.00/-
	item NO.2) Removing and refixing stone slabs of drains and pointing in CM (1:3) Etc..						
	Quantity vide EMB P.NO:		= 1958.22 sqm				
	@ Rs: 103.40/sqm					=	202480.00/-

Contents	Reference to last Measurement
7	8
...working an average ...SMBV. Excavated ...earth to be	
=	103175.00/-
...ng in CM	
=	20280.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498926

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing granite slabs of selected quality ...ngthy dressed horizontal size of 7.5cms thick and fixed in cement mortar (1:6) including finishing curing etc.— quantity vide EMB P.no: 476.17 sqm @ Rs: 689.30/sqm					=	328188.00/-
	Providing and constructing tool bearing well with solid blocks of size 1m x 1.5m x 2000mm having block density not less than 1600 kg/m³ and having minimum average compressive strength ... etc.— quantity vide EMB P.no: 198.00 sqm @ Rs: 909.90/sqm					=	174701.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 5)	Providing and laying in position plain cement concrete of mix 1:4:8 with crushed bgs. with stone and down size grooved granite metal course aggregate @ 0.69 cum and fine aggregate @ 0.45 cum machine mixed, concrete laid in bays etc—						
	Quantity vide CMB P.No:	19.95 cum					
	@ Rs: 5208.35/cum					=	103787.00/—
item No: 6)	Providing granite slabs of selected quality roughly dressed having a size 20 cms thick and fixed in cement mortar (1:6) including finishing complete—						
	Quantity vide CMB P.No: 198.00 Sqm						
	@ Rs: 898.05/Sqm					=	177840.00/—

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
	2
	Providing transferring
	Quantity vide C
	Quantity Vide

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498927

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing, transferring copy to store stack 2.5 cms, wide as per specification etc—						
	Quantity vide E MB P.NO:	11000 mtr					
	@ Rs: 57.11/mtr					=	628121.00/—
	Scarifying bituminous course 50mm to 75mm thick, along with premix carpet/surface dressing by manual means without disturbance of the base and removing of the debris matrials etc—						
	Quantity vide E MB P.NO:	934.50 sqmm					
	@ Rs:	88.63 /sqmm				=	82825.00/—

Depth 6	Contents 7	Reference to last Measurement 8
...ivi...d...y with cement bags.		
...aggregate @ 0.69 cum		
...stored in open etc—		
	=	10 9787.00/—
...crushed having 9		
...ing thirty Cm etc—		
	=	177820.00/—

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO.9)	Providing, laying, spreading and compacting crushed stone aggregate of granite trap/basalt to wet mix macadam specification including pre-mixing the material with water at OMC in mechanical mix plant etc---						
	Quantity vide ℄ MB P.NO:		933.63 cum				
			@ Rs: 1859.19/cum			=	434363.00/-
Item NO.10)	Providing and Applying Primer coat with S.S. bitumen emulsion on Prepared surface of granular base such as WMM including cleaning of road surface and spraying Primer at the rate of 0.8kg/Sqm						
	Quantity vide ℄ MB P.NO	=	934.50 Sqm				
			@ Rs: 86.59/Sqm			=	80948.00/-

OK

Depth 6	Contents 7	Reference to last Measurement 8
...e aggregates of granite ...ring Pre-mixing Plant etc.--		
	=	434363.00/-
...n emulsion on ...ricuring course ...of 0.8% by Weight ...)		
...m)	=	84848.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498928

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Providing and laying bituminous macadam in prepared surface with crushed coarse aggregates as per design mix formula for base/binder course in hot mix Plant, transporting the mixed materials in tipper to paver and laying etc.--						
	Quantity vide C MB P.No: 46 A3 cum @ Rs: 4988.78/cum					=	232845.00/-
	Clearing the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags etc.--						
	Quantity vide C MB P.No:	3115.00 sqm @ Rs:		4.92/sqm		=	15328.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 13)	Providing and applying bituminous tack coat using 80/100 grade bitumen (VG 10) on the prepared black topped surface at 2.5 kg/10sqm, heating bitumen in boiler fitted with spray set etc—						
	Quantity vide E MB P.No:	3115.00 sqm					
	@ Rs: 11.80/sqm					=	36819.00/-
Item 14)	Providing and laying bituminous concrete 40mm thick with hot mix plant using crushed aggregates of specified grading, premixed with bitumen, binder and filler, transporting the mixed to work site etc—						
	Quantity vide E MB P.No:	184.60 cum					
	@ Rs: 4051.78/cum					=	747844.00/-

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	Road marking with
	(i) Bituminous
	compound 0.5mm
	Quantity vide E

ntents	Reference to last Measurement
7	8
...ithmen CVG (b) ...m, hauling.	
	36819.00/-
...min plant. ...ith bitumious.	
=	578644.00/-

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Measurement Book

No. B

498929

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing with hot applied thermoplastic compound with Refluctising Glass Beads by thoroughly surface providing and laying of hot applied thermoplastic compound 2.5mm thick including refluctorising glass beads at 250gms/sqm area.						
	Quantity vide EMB P.No :	101.00 sqm					
	@ 428.45/sqm					=	43758.00/-
				Total Amount		=	99,02,818.00/-
				GST @ 18%.		=	34,83,338.00/-
				Grand Total Amount		=	39,57,156.00/-

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that the above work done satisfactorily 2) No materials issued from department. Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						

	Contents	Reference to last Measurement
	7	8

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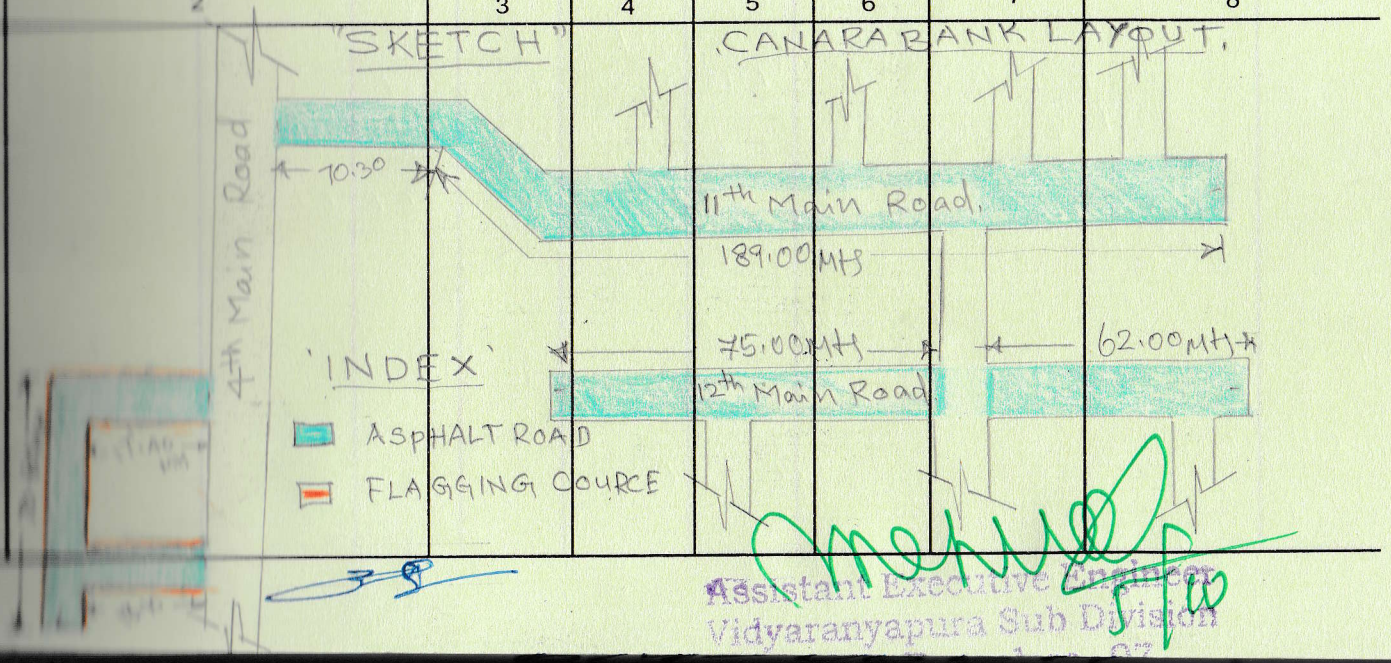
No. B

498930

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Division